AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 -11 (canceled)

12. (new): A person recognition device, comprising:

a scanning fingerprint image sensor on one base which acquires an image line or a small number of image lines;

means for reconstructing an overall print image by correlation between partial images obtained during a relative movement between the finger and the sensor, and

a sensor for spectral transmission information relating to the skin of the finger whose print is recorded by the image sensor, the image sensor and the spectral information sensor being designed to function alternately.

13. (new): The device as claimed in claim 12, wherein the fingerprint image sensor is located on a silicon chip and the spectral transmission information sensor has light-emitting diodes and photodiodes.

14. (new): The device as claimed in claim 13, wherein the photodiodes and the light-emitting diodes are located on the same chip as the print image sensor.

15. (new): The device as claimed in claim 13, wherein the light-emitting diodes and the photodiodes are arranged symmetrically with respect to an axis.

16. (new): A person recognition method, comprising the steps of:

detecting both a fingerprint image and spectral transmission information relating to the skin of a finger whose print using the same devices, which has a scanning print image sensor and

a spectral transmission information sensor, recognizing the person using both the print image and the spectral transmission information,

acquiring using the image sensor g an image line or a small number of image lines and reconstructing an overall print image by correlation between partial images obtained during a relative movement between the finger and the sensor, the print image sensor and the spectral information sensor functioning alternately.

17. (new): The method as claimed in claim 16, wherein the full fingerprint is read several times and the full spectral information is collected several times, alternately, and the consistency between the different detected information is checked.

18. (new): The method as claimed in claim 16, wherein a part of the fingerprint corresponding to a specific finger sector is read, the spectral information corresponding to this sector is read, and a full image of the print is subsequently reconstructed from the partial images.

19. (new): The method as claimed in claim 18, comprising checking that the fingerprint corresponding to a finger sector is consistent with the spectral information corresponding to this sector or to another sector for the person who is intended to be recognized.

20. (new): The device as claimed in claim 12, wherein the print sensor is an optical or capacitive or thermal sensor or a sensor sensitive to the flow of current through the finger, or a sensor sensitive to pressure.

21. (new): The device as claimed in claim 12, wherein the same light source is used both for the fingerprint acquisition and for the spectral information acquisition.

22. (new): The device as claimed in claim 12, wherein the spectral information acquisition comprises a measurement at a wavelength used for the detection of blood and/or the oxygen level in hemoglobin.

23. (new): The device as claimed in claim 14, wherein the light-emitting diodes and the photodiodes are arranged symmetrically with respect to an axis.